HDMI Classic Splitter

Model NO. : HSP0104AS

PICTURE

Function

*1 input HDMI signal can split to 4 HDMI signal sink devices simultaneously
*HDMI 1.3 protocol compliant
*HDCP 1.2 protocol compliant
*Support deep color 36bit
*DTS-HD/true-HD/LPCM7.1/AC3/DTS/DSD audio format
*Full-HD 1080P/1600X1200UXGA
*Capable for up to 6 times cascade without any transmission lost

Dear customer:

Thank you for purchasing this product. For optimum performance and safety, please read these instructions carefullybefore connecting, operating or adjusting product.
Please keep this manual for future reference.

NOTICE

HANK Electronics ltd reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

WARNING:

TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK OR PRODUCT DAMAGE:
1.Do not expose this apparatus to rain, moisture, dripping or splashing and make sure that no objects filled with liquids,such as vases, are placed on the apparatus.
2.Do not install or place this unit in a bookcase, built-in cabinet or in another confined space. Ensure the unit is well ventilated.
3.To prevent risk of electric shock or fire hazard due to overheating, do not obstruct the unit's ventilation openings with newspapers, tablecloths, curtains and similar items.
4.Do not install near any heat sources such as radiators, heat registers, Stoves or other apparatus.
5.Do not place sources of naked flames, such as lighted candles on the unit.
6.Clean this apparatus only with dry cloth.
7.Unplug this apparatus during lighting storms or when unused for a long time
8.Protect the power cord from being walked on or pinched, particularly at plugs.
9.Only use attachments/accessories specified by the manufacture
10.Refer all servicing to qualified service personnel.

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INTRODUCTION

HANK's HSP0104AS is a full routing type 1-by-4 HDMI Classic Splitter. It allows any source (Blue-Ray player,HD DVD player, satellite receiver, game system, etc.)to be shown on any display no matter the source is HDCP or not. Extra infrared receiver extension,RS232 port and CAT5e port are supplied for remote control.

HSP0104AS has the ability of equalization and amplification to ensure HDMI signal's transmission through long cable without quality loss.

HSP0104AS offers solutions for digital entertainment center, HDTV retail and show site, HDTV, STB, DVD and Projector factory, noise, space and security concerns, data center control, information distribution, conference room presentation, school and corporate training environments.

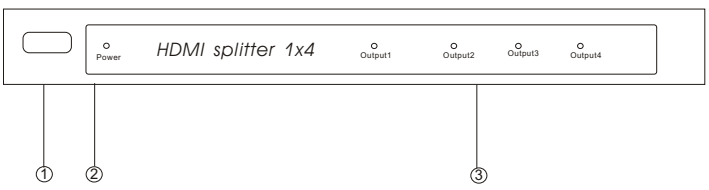
PACKAGE CONTENTS

1. Main unit. P/N_HSP0104AS.
2. Power Supply, 5VDC
3. Operating Instruction P/N_HSP0104AS
4. Remote.

* PART NUMBER(Abbreviation as P/N).

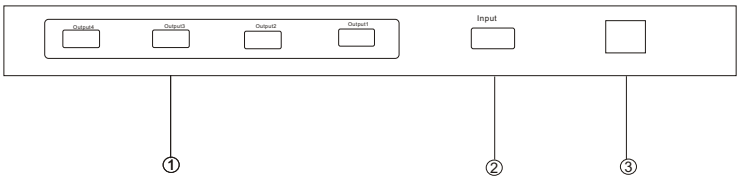
Panel Description

Front Panel



1. power
2. power indicator
2. output indicator

Back panel



1. output port 1-4
2. input port
3. Power

CONNECT AND OPERATION

1. Connect the HDMI input sources(such as HD-DVD,PS3,STB etc) into HSP0104AS.
2. Connect the HDMI outputs (such as HD-LCD, HD-DLP) into HSP0104AS.
3. Power on the input source you want to show. (Keep the unused input power off, otherwise it may interfere the normal display.)
4. Connect the power supply into HSP0104AS. and turn on the display you want to watch.
5. Use remote or push the button to choose input source.

Attention

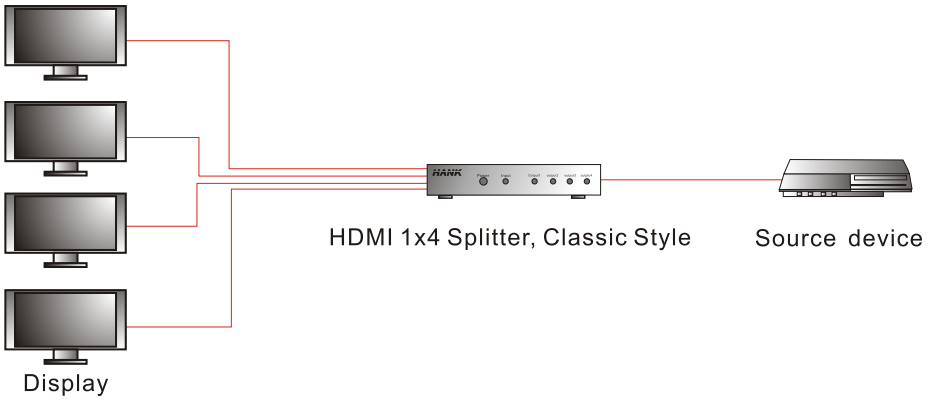
- Insert/Extract cables gently.

Specifications

HDMI version----------HDMI1.3
HDCP version----------HDCP1.2
HDMI resolution----------1080P24fs/1080P/1080i/720P/576P/576i/480P/480i
Full-HD chain----------1080p cascade above 4 layers
Support video color format----------deep color 24bit/36bit
Support audio format----------DTS-HD/true-HD/LPCM7.1/AC3/DTS/DSD
Date transfer speed----------6. 75Gbps
Input Video signal----------5.0Volts P-P
Output cable distance----------<=20metre AWG24
Max working current----------1000mA
Power adapter supply----------DC:5V, 2A
Power adapter format----------Input: AC (50HZ.60HZ) 100V-240V; Output: DC5V
Operating Temperature range----------(-15 to +55 Degree)
Operating Humidity range----------5 to 90%RH (No Condensation)
Dimension (Lx W x H)----------257x114x26 (mm)
Weight----------832g

Note: Specifications are subject to change without notice.
Mass and dimensions are approximate.

Typical Application



Product Service

1) Damage requiring service: The unit should be serviced by qualified service personnel if:
a. The DC power supply cord or AC adaptor has been damaged;
b. Objects or liquids have gotten the unit;
c. The unit has been exposed to rain;
d. The unit does not operate normally or exhibits a marked change in performance;
e. The unit has been dropped or the cabinet has been damaged.
2) Servicing Personnel: Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.
3) Replacement parts: When parts need replacing ensure the service uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.
4) Safety check: After repairs or service, ask the service to perform safety checks to confirm that the unit is in proper working condition.

WARRANTY

If your product does not work properly because of a defect in materials or workmanship, HANK Electronics company(referred to as “the warrantor”) will, for the length of the period indicated as below, (parts(1) Year, Labor(90) Days) which starts with the date of original purchase (“Limited Warranty period”),at its option either (a) repair your product with new or refurbished parts. or (b) replace it with a new or a refurbished product. The decision to repair or replace will be made by the warrantor.

During the “Labor” limited Warranty period there will be no charge for labor.

During the “Parts” warranty period, there will be no charge for parts.

You must mail-in your product during the warranty period. This Limited Warranty is extended only to the original purchaser and only covers product purchased as new. A purchase receipt or other proof of original purchase date is required for Limited Warranty service.

Mail-In Service

When shipping the unit, carefully pack and send it prepaid, adequately insured and preferably in the original carton. Include a letter detailing the complaint and provide a day phone and/or email address where you can be reached.
If repair is needed during the limited warranty period the purchaser will be required to furnish a sales receipt/proof of purchase indicating date of purchase, amount paid and place of purchaser. Customer will be charged for the repair of any unit received without such proof of purchase.

LIMITED WARRANTY LIMITS AND EXCLUSIONS

1) This Limited Warranty only covers failures due to defects in materials or workmanship, and does not cover normal wear and tear or cosmetic damage. The Limited Warranty also does not cover damages which occurred in shipment, or failures which are caused by products not supplied by the warrantor, or failures which result from accidents, misuse, abuse, neglect, mishandling, misapplication, alteration, faulty installation, set-up adjustments, maladjustment of consumer controls, improper maintenance, power line surge, lightning damage, modification, or service by anyone other than a Factory Service center or other Authorized Service, or damage that is attributable to acts of God.

2) There are no express warranties except as listed under "limited warranty coverage". the warrantor is not liable for incidental or consequential damages resulting from the use of this product, or arising out of any breach of this warranty. (As examples, this excludes damages for lost time, cost of having someone remove or re-install an installed unit if applicable, travel to and from the service, loss of or damage to media or images, data or other recorded content. The items listed are not exclusive, but are for illustration only.)

3) Parts and service, which are not covered by this limited warranty, are your responsibility.